Exhibit 2

<u>Infringement Claim Chart for U.S. Pat. No. US7130430B2 v. Sony ("Defendant")</u> (See Accused Product List at end of chart for models)

| Claim 2 | Evidence |
|--|---|
| 2. A speaker system for producing localized regions of sound comprising: | The Sony's HT-X8500 soundbar is a speaker system for producing localized regions of sound. For example, the Sony's HT-X8500 soundbar produces a surround sound effect. The surround sound effect causes a listener facing the soundbar to perceive that sound emanating from the soundbar is originating at a location behind and to the left of the listener, referred to as surround left, and at another location behind and to the right of the listener, referred to as surround right. |
| | Using front speakers only, Sony's unique digital-sound-field-processing technology virtually reproduces the surround sound field, with audio coming at you from both sides. There's no need to add rear speakers, meaning you can enjoy rich, cinematic surround sound without cluttering your living space. |
| | Thanks to Sony's virtual-surround technology, the soundbar can position sound in vertical space—so you can experience 3D audio without the need for in-ceiling or upfiring speakers. As well as Dolby Atmos and DTS:X, Vertical Surround Engine lends a more realistic, multidimensional sound to other formats too. Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500 |

a multiplicity of audio frequency speakers; The Sony's HT-X8500 soundbar includes a multiplicity of audio frequency speakers.

For example, the Sony's HT-X8500 soundbar includes multiple audio speakers positioned along a front face of the soundbar.

Vertical Surround Engine, our latest surround technology, lets you enjoy the thrill of Dolby Atmos[®] and DTS:X[®] from a single slim unit. No matter what type of room you're in, advanced DSP technology allows just two front speakers to reproduce full, cinematic sound from all around you, including from above.

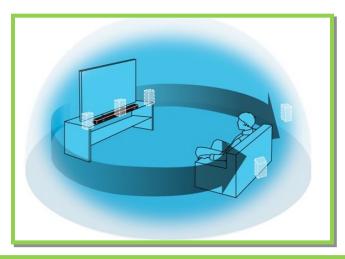
Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

at least one defined sound target spaced from each of the speakers of the multiplicity of speakers, wherein each speaker has a means for applying a time varying audio drive voltage which is The Sony's HT-X8500 soundbar has at least one defined sound target spaced from each of the speakers of the multiplicity of speakers. Each speaker has a means for applying a time varying audio drive voltage which is substantially identical, except that each audio drive voltage is offset in time by an amount which is related to the distance between each speaker and the defined sound target. So that substantially identical sound from each speaker reaches the sound target at the same time.

For example, each of the Sony's HT-X8500 soundbar speakers is connected to an audio amplifier. A surround left channel signal is provided to each speaker via the speaker's respective amplifier. The surround left channel is delayed slightly for speakers on the listener's left compared to speakers on the listener's right. The amount of delay is such that sound waves emanating from each of the speakers reach the surround left location at the same time, thereby interfering constructively to produce a resultant sound wave having peak spatial amplitude at the surround left location. When this wave reflects back

substantially identical, except that each audio drive voltage is offset in time by an amount which is related to the distance between each speaker and the defined sound target, so that substantially identical sound from each speaker reaches the sound target at the same time;

to the listener, the listener perceives that the sound originated from the surround left location.



Surround made simple

Using front speakers only, Sony's unique digital-sound-field-processing technology virtually reproduces the surround sound field, with audio coming at you from both sides. There's no need to add rear speakers, meaning you can enjoy rich, cinematic surround sound without cluttering your living space.

- 7.1.2ch Dolby Atmos/DTS:X with Vertical Sound Engine¹
- Dual built-in subwoofers for deep bass
- All sound upscaled close to 7.1.2ch audio
- Seven different sound modes to enhance your entertainment experience

Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

at least a first defined sound target and a second defined sound target. the second sound target being spaced from the first sound target, and the first sound target and the second sound target being spaced from each of the speakers of the

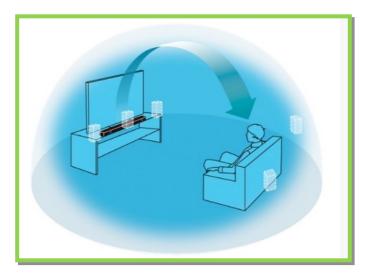
multiplicity of

The Sony's HT-X8500 soundbar has at least a first defined sound target and a second defined sound target. The second sound target is spaced from the first sound target. The first sound target and the second sound target are spaced from each of the speakers.

For example, the surround left location is at a rear position on a left-side wall of a nominally sized room. The surround right location is at a rear position on the right-side wall of the room. Additionally, the DSP technology feature enables the Sony's HT-X8500 soundbar to adapt to the dimensions of the room.

Vertical Surround Engine, our latest surround technology, lets you enjoy the thrill of Dolby Atmos[®] and DTS:X[®] from a single slim unit. No matter what type of room you're in, advanced DSP technology allows just two front speakers to reproduce full, cinematic sound from all around you, including from above.

speakers, • 7.1.2ch Dolby Atmos/DTS:X with Vertical Sound Engine¹ • Dual built-in subwoofers for deep bass • All sound upscaled close to 7.1.2ch audio • Seven different sound modes to enhance your entertainment experience VERTICALS. CINEM



Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

and wherein the means for applying a time varying audio drive voltage comprises: at least a first audio source which is offset in time by an amount which is related to the distance

The means for applying a time varying audio drive voltage comprises at least a first audio source which is offset in time by an amount which is related to the distance between each speaker and the first defined sound target.

For example, a delay is added to the surround left channel (e.g. first audio source) before it is applied to a speaker on the left-side of the soundbar, as viewed from the listener's position. The delay relates to the distance between the speaker and the surround left location in the nominally sized room, whereby the speaker closest to the surround left location has the most delay. This enables the soundbar to produce directional audio.

| between each | |
|-----------------|--|
| speaker and the | |
| first defined | |
| sound target; | |
| and | |

Thanks to Sony's virtual-surround technology, the soundbar can position sound in vertical space—so you can experience 3D audio without the need for in-ceiling or upfiring speakers. As well as Dolby Atmos and DTS:X, Vertical Surround Engine lends a more realistic, multidimensional sound to other formats too.

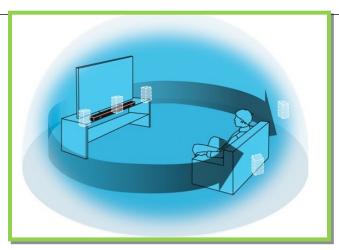
Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

at least a second audio source which is offset in time by an amount which is related to the distance between each speaker and the second defined sound target wherein a sum of the first audio source which is offset in time and the second audio source which is offset in time is used to produce the

The Sony's HT-X8500 soundbar includes at least a second audio source which is offset in time by an amount which is related to the distance between each speaker and the second defined sound target. The sum of the first audio source and the second audio source is used to produce the time varying audio drive voltage. Substantially identical sound from the first audio source signal reaches the first sound target at the same time, and substantially identical sound from the second audio source signal reaches the second target at the same time.

For example, a delay is added to the surround right channel (e.g. second audio source) before it is applied to a speaker on the right-side of the soundbar. The delay relates to the distance between the speaker and the surround right location, whereby the speaker closest to the surround right location has the most delay. Each speaker is provided, via its amplifier, with a surround left channel signal and a surround right channel signal, each signal having a respective delay. The signals are added together before being input to the respective amplifier. Consequently, each speaker emits a sound wave comprising audio from the surround left channel and from the surround right channel, the audio from each channel having an appropriate amount of delay such that the surround left audio reaches the surround left location at the same time as the surround right audio reaches the surround right location.

time varying audio drive voltage so that substantially identical sound from the first audio source signal reaches the first sound target at the same time, and substantially identical sound from the second audio source signal reaches the second target at the same time.





Source: https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

Accused Product List

HT-A9 High Performance Home Theater System

HT-A7000 7.1.2ch Dolby Atmos® Soundbar

HT-A5000 5.1.2ch Dolby Atmos® Soundbar

HT-A3000 3.1ch Dolby Atmos® Soundbar

HT-S2000 3.1ch Dolby Atmos® Soundbar

HT-G700 3.1ch Dolby Atmos® / DTS:X® Soundbar

HT-S400 2.1ch Soundbar with Wireless subwoofer

HT-X8500 2.1ch Dolby Atmos®/DTS:X® Soundbar with built-in subwoofer

HT-S40R 5.1ch Home Cinema Soundbar System

HT-S100F 2ch Built-in Tweeter Soundbar

SA-SW5 300W Wireless Subwoofer for HT-A9/HT-A7000/HT-A5000/HT-A3000/HT-S2000

SA-SW3 200W Wireless Subwoofer for HT-A9/HT-A7000/HT-A5000/HT-A3000/HT-S2000

SA-RS5 Wireless Rear Speakers with Built-in Battery for HT-A7000/HT-A5000/HT-A3000

SA-RS3S Wireless Rear Speakers for HT-A7000/HT-A5000/HT-A3000

NS7 Wireless Wearable TV Speaker

SA-Z9R Wireless Rear Speakers for HT-Z9F

HT-S200F 2.1ch Built-in Subwoofer Mini Soundbar

HT-MT300 2.1ch Compact Soundbar with Bluetooth®

HT-Z9F 3.1ch Dolby Atmos® / DTS:X® Soundbar

HT-S350 2.1ch Soundbar with Wireless Subwoofer

References

[1] HT-A9 High Performance Home Theater System https://electronics.sony.com/audio/soundbars/p/hta9

[2] HT-A7000 7.1.2ch Dolby Atmos® Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/hta7000

[3] HT-A5000 5.1.2ch Dolby Atmos® Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/hta5000

[4] HT-A3000 3.1ch Dolby Atmos® Soundbar https://electronics.sony.com/audio/soundbars/a-series-soundbars/p/hta3000

[5] HT-S2000 3.1ch Dolby Atmos® Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts2000-uc2

[6] HT-G700 3.1ch Dolby Atmos® / DTS:X® Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/htg700

[7] HT-S400 2.1ch Soundbar with Wireless subwoofer https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts400

[8] HT-X8500 2.1ch Dolby Atmos®/DTS:X® Soundbar with built-in subwoofer https://electronics.sony.com/audio/soundbars/all-soundbars/p/htx8500

[9] HT-S40R 5.1ch Home Cinema Soundbar System https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts40r

[10] HT-S100F 2ch Built-in Tweeter Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts100f

[11] SA-SW5 300W Wireless Subwoofer for HT-A9/HT-A7000/HT-A5000/HT-A3000/HT-S2000 https://electronics.sony.com/audio/soundbars/all-soundbars/p/sasw5

[12] SA-SW3 200W Wireless Subwoofer for HT-A9/HT-A7000/HT-A5000/HT-A3000/HT-S2000 https://electronics.sony.com/audio/soundbars/all-soundbars/p/sasw3

[13] SA-RS5 Wireless Rear Speakers with Built-in Battery for HT-A7000/HT-A5000/HT-A3000 https://electronics.sony.com/audio/soundbars/a-series-soundbars/p/sars5

[14] SA-RS3S Wireless Rear Speakers for HT-A7000/HT-A5000/HT-A3000 https://electronics.sony.com/audio/soundbars/all-soundbars/p/sars3s

[15] NS7 Wireless Wearable TV Speaker https://electronics.sony.com/audio/speakers/wearable-speakers/p/srsns7

[16] SA-Z9R Wireless Rear Speakers for HT-Z9F https://electronics.sony.com/audio/soundbars/all-soundbars/p/saz9r

[17] HT-S200F 2.1ch Built-in Subwoofer Mini Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts200f

[18] HT-MT300 2.1ch Compact Soundbar with Bluetooth® https://electronics.sony.com/tv-video/tv-video-home-theater-sound-bars/soundbars/p/htmt300-w

[19] HT-Z9F 3.1ch Dolby Atmos® / DTS:X® Soundbar https://electronics.sony.com/audio/soundbars/all-soundbars/p/htz9f

[20] HT-S350 2.1ch Soundbar with Wireless Subwoofer https://electronics.sony.com/audio/soundbars/all-soundbars/p/hts350